

What is claimed is:

1. A method of providing a file transfer service through a mobile communication network, comprising the steps of:

(a) storing a data file and transfer conditioning information

5 thereof received from a first mobile terminal connected through the mobile communication network;

(b) transmitting information for transferring the data file through the mobile communication network based on the stored transfer conditioning information; and

10 (c) checking response information sent from a second mobile terminal answering to said information for transferring the data file, and transferring the data file to the second mobile terminal based on the checked result.

2. The method set forth in claim 1, wherein said transfer

15 conditioning information includes transfer blocking time zone information, identification information of the first and the second mobile terminal, and size information of the data file to transfer.

3. The method set forth in claim 2, wherein said information for transferring the data file includes size information of the data 20 file to transfer.

4. The method set forth in claim 3, wherein said information for transferring the data file further includes type information of the data file to transfer.

5. The method set forth in claim 1, wherein said response 25 information includes spare storage capacity information of a peripheral device connected to the second mobile terminal.

6. The method set forth in claim 1, wherein said step (c)

determines whether or not to transmit the data file based on the response information and the stored transfer conditioning information.

7. A method of providing a file transfer service through a mobile communication network, comprising the steps of:

(a) storing a data file and transfer conditioning information thereof received from a first mobile terminal connected through the mobile communication network;

(b) selecting one among the stored data files based on the stored transfer conditioning information; and

(c) transferring the selected data file to a second mobile terminal specified as destination of the selected file.

8. The method set forth in claim 7, wherein said transfer conditioning information includes information on time zone blocking file transfer.

9. The method set forth in claim 8, wherein said step (b) selects one data file whose transfer blocking time zone is closest to a current time.

10. The method set forth in claim 8, wherein said transfer blocking time zone is set to a time zone when voice traffic is normally congested.

11. The method set forth in claim 7, wherein said step (c) transmits another data file selected next based on the transfer conditioning information to a third mobile terminal specified as destination of the next selected file, if trials of making connection to the second mobile terminal are failed.